

Converting Colors

$Yxy(78.2596, 0.3127, 0.3147)$

Have a look what the booklet for
Yxy(78.2596, 0.3127, 0.3147)
contains.

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Color

Yxy(78.2596, 0.3127, 0.3147)

Conversions

Conversions Part 1

Format	Color
Hex	EEE1EF
RGB	238, 225, 239
RGB Percent	93%, 88%, 94%
CMY	0.0667, 0.1176, 0.0628
CMYK	0.00, 0.06, 0.00, 0.06
HSL	296°, 30%, 91%
HSV	296°, 6%, 94%
XYZ	77.7622, 78.2596, 92.6582
YIQ	230.4830, 3.2540, 7.1100

Conversions

Conversions Part 2

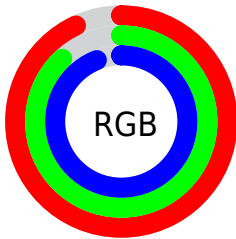
Format	Color
R _Y B	238, 225, 239
Decimal	15655407
CIE Lab	90.90, 6.87, -5.22
CIE LCh	91, 8.631, 322.788
Yxy	78.2596, 0.3127, 0.3147
Android (android.graphics.Color)	4293845487 (0xFFEEE1EF)
YUV	230.4830, 4.1989, 6.5924
Hunter-Lab	88.4645, 2.0927, -0.1756

Details

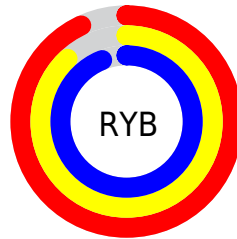
The Yxy color $78.2596, 0.3127, 0.3147$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83.3317, 0.3127, 0.3437$, and the grayscale version is $79.4748, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $42.1134, 0.3126, 0.3119$ is the 20% darker color. If you saturate the color by 10%, you get $65.9402, 0.3125, 0.2895$, and if you desaturate by 10%, it is $92.3969, 0.3127, 0.3389$.

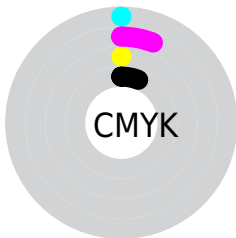
Distribution



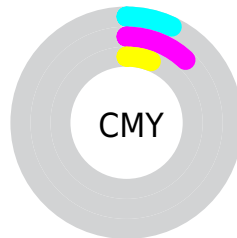
- Red (93%)
- Green (88%)
- Blue (94%)



- Red (93%)
- Yellow (88%)
- Blue (94%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (6%)




- Cyan (7%)
- Magenta (12%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.2596, 0.3127, 0.3147 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 78.2596, 0.3127, 0.3147 by changing the saturation by 10% instead.

 78.2596, 0.3127,
0.3147

 78.2596, 0.3127,
0.3147


489.0480, 0.3127,
0.3212

 58.2873, 0.3127,
0.3133


130.9160, 0.3127,
0.3169

 42.0396, 0.3127,
0.3115


164.3689, 0.3127,
0.3178

 29.1323, 0.3126,
0.3093


203.0840, 0.3127,
0.3185

 19.1809, 0.3126,
0.3064

247.4459, 0.3127,
0.3192

 11.8011, 0.3125,
0.3026

297.8388, 0.3127,
0.3198

 6.6084, 0.3123,
0.2972

354.6472, 0.3127,

 3.2184, 0.3120,

0.3203

0.2891

418.2555, 0.3127,
0.3208

■ 1.2468, 0.3113,
0.2755

■ 0.0994, 0.3142,
0.1191

■ 78.2596, 0.3127,
0.3147

■ 78.2596, 0.3127,
0.3147

■ 65.9402, 0.3125,
0.2895

■ 92.3969, 0.3127,
0.3389

■ 55.3540, 0.3122,
0.2640

■ 96.5204, 0.3135,
0.3448

■ 46.4245, 0.3116,
0.2388

■ 96.8208, 0.3145,
0.3448

■ 39.0655, 0.3108,
0.2149

■ 97.1241, 0.3156,
0.3447

33.1830, 0.3098,
0.1934

97.4301, 0.3166,
0.3447

28.6730, 0.3085,
0.1752

97.7389, 0.3177,
0.3446

25.4182, 0.3070,
0.1610

98.0506, 0.3188,
0.3446

23.2812, 0.3054,
0.1512

98.3650, 0.3199,
0.3445

22.0926, 0.3036,
0.1457

98.6823, 0.3209,
0.3445

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.2596, 0.3028, 0.3118



78.2596, 0.3127, 0.3147



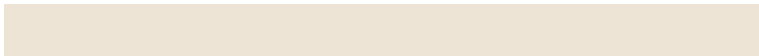
78.2596, 0.3227, 0.3213

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.2596, 0.3127, 0.3147



78.2596, 0.3299, 0.3447



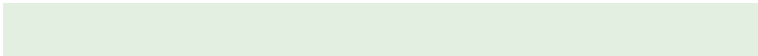
78.2596, 0.2956, 0.3277

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



78.2596, 0.3127, 0.3147



83.3317, 0.3127, 0.3437

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.2596, 0.3027, 0.3369



78.2596, 0.3127, 0.3147



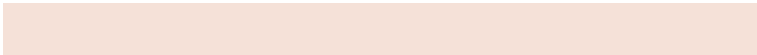
78.2596, 0.3225, 0.3468

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.2596, 0.3127, 0.3147



78.2596, 0.3327, 0.3385



78.2596, 0.3125, 0.3439



78.2596, 0.2931, 0.3191

Rectangle

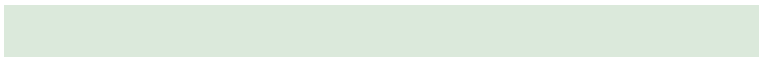
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.2596, 0.3127, 0.3147



78.2596, 0.3281, 0.3269



78.2596, 0.3125, 0.3439



78.2596, 0.2976, 0.3309

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



78.2630, 0.3127, 0.3147



96.7205, 0.3127, 0.3241



76.7275, 0.3038, 0.3155



20.7365, 0.3127, 0.3244



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.2630, 0.3127, 0.3147



88.8959, 0.3127, 0.3118



78.0964, 0.3172, 0.3206



16.4949, 0.3127, 0.3104



12.0540, 0.3032, 0.1444



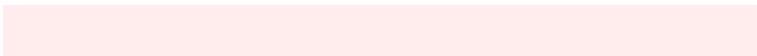
1.0197, 0.3057, 0.1457

Inverse Universe

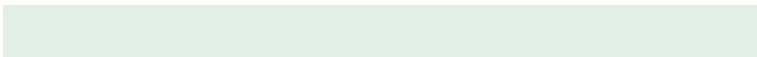
The Inverse Universe completely reimagines the original color for something new.



77.6949, 0.3219, 0.3280



88.1128, 0.3239, 0.3278



83.4952, 0.3085, 0.3375



16.3373, 0.3248, 0.3277



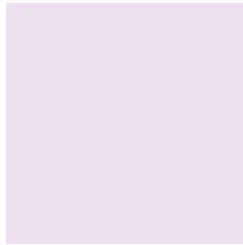
10.1701, 0.6325, 0.3258



0.8524, 0.6137, 0.3154

Previews

White Background



This preview shows how the Yxy color 78.2596, 0.3127, 0.3147 looks on a white background.

Color Contrast Check

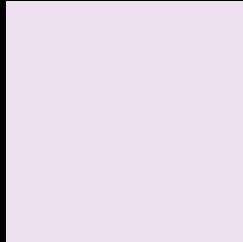
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 78.2596, 0.3127, 0.3147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

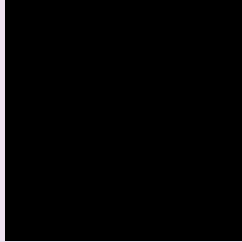
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

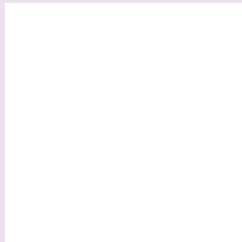
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.2596, 0.3127, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 78.2596, 0.3127, 0.3147.

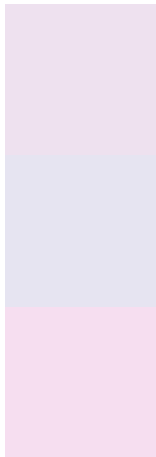


This preview shows how white text looks on a background with the Yxy color 78.2596, 0.3127, 0.3147.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

78.2596, 0.3127, 0.3147

Protanopia

78.6607, 0.3059, 0.3155

Deuteranopia

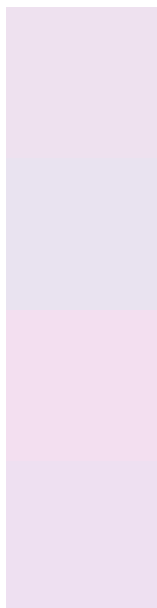
78.1267, 0.3178, 0.3109



Tritanopia

77.8993, 0.3108, 0.3106

Trichromacy



Original Color

78.2596, 0.3127, 0.3147

Protanomaly

78.5531, 0.3086, 0.3156

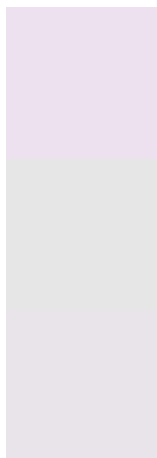
Deuteranomaly

78.1213, 0.3156, 0.3118

Tritanomaly

77.8393, 0.3115, 0.3116

Monochromacy



Original Color

78.2596, 0.3127, 0.3147

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.6936, 0.3130, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.2596, 0.3127, 0.3147 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(238, 225, 239)` looks like.

```
.text, #text, p{  
    color:rgb(238, 225, 239)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(238, 225, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 225, 239) }
```

Border

The CSS property to change the border of an element to Yxy 78.2596, 0.3127, 0.3147 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 225, 239) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(238, 225, 239) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(238, 225, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 225, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 225, 239);  
box-shadow:4px 4px 4px 4px rgb(238, 225,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 78.2596, 0.3127, 0.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 225, 239) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(238,  
225, 239) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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